

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for initiating uplink signaling proactively by a UE receiving a multimedia multicast/broadcast service (MBMS), the UE receiving information over a MBMS control channel, the method comprising steps of:

~~if the UE moves into a new cell:~~

listening to the MBMS control channel;

initiating an uplink signaling according to the information received over the MBMS control channel; and

receiving a response message in response to said uplink signaling; and

wherein the information received over the MBMS control channel comprises an indication for establishing a point-to-point channel used by the MBMS.

~~if the UE does not move into a new cell:~~

~~initiating an uplink signaling by the UE if the information received over the MBMS control channel includes an indication for UE counting; and~~

~~receiving a response message in response to said uplink signaling.~~

2. (Currently Amended) The method according to claim 1, wherein the information received over the MBMS control channel comprises at least one of an indication ~~futher comprises~~ indication for UE counting, ~~for a point to point channel used by the MBMS, an indication that there is no information regarding the MBMS on the MBMS control channel, and an indication that the UE does not receive the MBMS control channel.~~

3. (Previously Presented) The method according to claim 1, wherein said UE is in CELL_FACH, CELL_PCH, or URA_PCH mode.

4. (Previously Presented) The method according to claim 1 or 3, wherein for the UE that is in CELL_FACH, CELL_PCH or URA_PCH mode, a message included in said uplink signaling is a Cell Update message.

5. (Previously Presented) The method according to claim 1, wherein modes that said UE may be in comprises IDLE mode.

6. (Previously Presented) The method according to claim 1 or 5, wherein for the UE in IDLE mode, a message included in said uplink signaling is an RRC Connection Request message.

7. (Previously Presented) The method according to claim 4, wherein a value for a field named “Reason for cell update” included in the Cell Update message is set as “For MBMS channel parameters”.

8. (Previously Presented) The method according to claim 4, wherein the value for the field named “Reason for cell update” in the Cell Update message is set as “For MBMS PtP mode”.

9. (Previously Presented) The method according to claim 4, wherein the value for the field named “Reason for cell update” in the Cell Update message is set as “For MBMS UE counting”.

10. (Previously Presented) The method according to claim 6, wherein a value for a field named “Reason for connection establishment” in the RRC Connection Request message is set as “MBMS channel parameter”.

11. (Previously Presented) The method according to claim 6, wherein the value for the field named “Reason for connection establishment” in the RRC Connection Request message is set as “MBMS PtP mode”.

12. (Previously Presented) The method according to claim 6, wherein the value for the field named the “Reason for connection Establishment” in the RRC Connection Request message is set as “For MBMS UE counting”.

13. (Previously Presented) The method according to claim 1, wherein further comprising steps of:

 sending a downlink signaling by the RNC to make the UE enter CELL_FACH state if a reason for sending said uplink signaling included in said uplink signaling is set as “For MBMS UE counting”.

14. (Previously Presented) The method according to claim 1, wherein further comprising steps of:

 sending a Radio Link Establishment Request message by a SRNC to a DRNC if an Iur interface exists and a reason for cell update included in said uplink signaling is set as “For MBMS PtP mode”.

15. (Previously Presented) The method according to claim 14, wherein further comprising steps of:

 adding the UE into a context of the MBMS by the DRNC by adding a number of participating UEs by 1 after receiving the Radio Link Establishment Request message, and if the increase of the number of participating UEs makes a channel type of the MBMS change from PtP to PtM, the DRNC sending a Radio Link Establishment Failure message to the SRNC.

16. (Previously Presented) The method according to claim 1, wherein further comprising steps of:

 keeping the UE in CELL_FACH state and sending a Common Transport Channel Resource Initialization message to the DRNC by the SRNC if the Iur interface exists and the SRNC knows that a destination cell under the DRNC uses PtM as the channel type of the MBMS.

17. (Currently Amended) A multimedia multicast/broadcast service (MBMS) user equipment (UE) for initiating uplink signaling proactively, the UE receiving information over a MBMS control channel, the UE comprising:

a receiver to listen to the MBMS control channel and to receive a response message in response to an uplink signaling; and

a controller to initiate the uplink signaling according to the information received over the MBMS control channel;

wherein the information received over the MBMS control channel comprises an indication for establishing a point-to-point channel used by the MBMS, if the UE moves into a new cell, the controller initiates the uplink signaling according to the information received over the MBMS control channel, and, if the UE does not move into a new cell, the controller initiates the uplink signaling if the information received over the MBMS control channel includes an indication for UE counting.